



A LOT OF MUSCLE AND MIGHT goes into the mining of rubies, as Gene Ware, of the Y-12 TW Shop, witnesses. Ware, in foreground with shovel, is shown near the old ruby mine site in North Carolina in search of the precious stones.

North Carolina Ruby Mining Hobby Of Y-12er Gene Ware

**Fortune Hunters May Dig To Heart's Content
For \$1 Per Day In Search Of Precious Gems**

Most people bring only sunburns and chiggers back from picnics, but not Gene Ware. He prefers the redder shade of the ruby, one of nature's fireiest sights.

Ware, of TW Shops, recently staged a safari up into the hills of North Carolina, between Franklin and Bryson City, to dig for the elusive stones. He and his wife took along their daughter and friend on an all-day picnic to the old ruby mine sites. The owner of the place charges \$1 per person per day and for-

tune hunters may do all the digging their strained muscles will allow.

Offered \$20 For Stone

One other digger at the site offered Ware \$20 for a single uncut stone the Y-12er had extracted from the loam.

The ruby mining operation resembles gold panning to a degree. The dirt is sifted through a screen, then water is poured through taking the excess mud and silt away, leaving the natural rubies at the bottom of the sieve.

The ruby in its original state bears little resemblance to the finished gem. The uncut ruby is a reddish-brown chunk and must be polished and cut to be of value either as a decorative piece of jewelry or for commercial use. Rubies are a variety of corundum, and are used in watches as jewels, but the prime usage is for rings and other jewelry.

More Forays Planned

Ware plans to further this hobby with a more detailed study of gemology with the purchase of stone polishing equipment. He plans further forays into the mine areas for the ruby, garnet, sapphire, quartz, rutile and similar stones.

It's not often one can make a picnic pay off, Ware emphasized. He estimates that he gathered around \$60 worth of jewels his first time around. Considering the fact that this was an initial amateur adventure, the Y-12er expressed satisfaction over his "haul."

Fellow employees in the TW Shops are encouraging Ware to continue his interesting hobby with hopes that he will bring back souvenirs for distribution.

MANY CHILDREN STRICKEN

Last year cancer took the lives of more than 4,000 children under 15 years old. About half of them died of leukemia, which is a cancer of the blood-forming tissues. The American Cancer Society is supporting research in all phases of cancer.

Y-12ers Assigned Responsibility For Security

**Cooperation Of All
Needed To Protect
Safety Of Country**

The physical security and personnel control program, established and operated in the interest of national security, is a necessary element in the operation of the Y-12 Plant and other atomic energy installations throughout the nation. The primary responsibility for seeing that this program functions efficiently is assigned to certain groups within the Y-12 Plant operation.

Groups Should Check

It is the responsibility of these groups to see that proper barriers are erected and effectively operated, that only authorized and properly identified persons are permitted access to the plant and to continually audit and report to management on the condition and status of the physical security and personnel control program.

While all facets of physical security and personnel control are necessary, cooperation and active participation of every Y-12er is the key to an effective security program. Every Y-12er has an individual responsibility for security in the Y-12 Plant and of the nation.

Badges Should Be Displayed

It is the security duty of every Y-12er to wear his or her identification badge prominently displayed while in the plant and to challenge any strangers found in their work areas to determine if their presence is authorized in that area.

Every Y-12er also should remain alert to the fact that elements, both native and foreign, are unceasingly trying to sabotage and subvert the free world. Y-12ers should report to supervision and other appropriate authorities any security discrepancies that they see, actual or suspected acts of espionage or sabotage and violation of laws or regulations relating to the atomic energy program or to national security.

F. B. O'MARA PROMOTED

Fred B. O'Mara has been appointed vice president-production of the National Carbon Company, division of Union Carbide Corporation. He has been director of manufacturing for National Carbon since early in 1960. He joined UCC in 1936.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
**Four Days Or
97,000 Man-Hours**
(Unofficial Estimate)

Without A Disabling
Injury

Through November 20

Phone 7755

For Daily Report
On Accident-Free Hours

Two Disabling Injuries Incurred By Y-12ers

**Victims Employees
In Same Department**

Two painful disabling injuries occurring on successive days last week by two different employees in the same department ended the latest safety string in the Y-12 Plant at only 28 days. The last-time accidents were reported on Tuesday and Wednesday, November 15 and 16, the first one ending a 28-day accident-free period that covered 912,000 hours of plant operations.

The November 15 mishap involved an outside machinist in Process Maintenance. While working with equipment in Bldg. 9204-2 at 11:10 a.m. with fellow employees a dust explosion caused a flash fire that inflicted burns on his right arm, neck, right ear and both eyes. He was admitted to Oak Ridge Hospital where he is expected to be confined for several days.

The second accident, at 8:35 a.m., November 16, in Bldg. 9204-2, resulted in a carpenter receiving a severely cut index finger while operating a band saw. The cut was at the third joint of the index finger of the left hand. He was admitted to Oak Ridge Hospital for immediate surgery and also will be off work for several days.

Holiday Party Set Saturday By Mechanical Operations

The first of a series of divisional holiday entertainments for Y-12ers will be held on Saturday night of this week, November 26, when the Mechanical Operations Division will present a party and dance at the Oak Terrace ballroom. Dancing will be from 9 p.m. to 1 a.m. with music provided by the Dick Jones orchestra. Door prizes will be awarded guests at the affair.

Winners Announced In October Poster Contest; Second Competition Underway

C. B. Smith, of Beryllium Fabrication, won first prize in the initial safety poster contest held in October. Paul J. Long, of Physical Testing, was a close second in the competition to obtain new ideas for safety posters to stress safety subjects picked for each month of the coming year by the Y-12 Safety Department. Smith received a table model radio and Long a blanket as awards for handing in the two best entries.

Pictures of the winners receiving their awards and the winning poster for the month of January on the subject of "Falls — All Levels" will be published in an early edition of The Bulletin.

Meanwhile entries are coming in at a good rate for the November contest to be based on the safety subject for the month of February—"Material Equipment and Tool Handling." The deadline for these entries is 8 a.m. on Wednesday, November 29.

Safety Award Selection Begins In Y-12 Plant

**25 Attractive Articles
Are Placed On Display
At All Plant Portals**

Carbide employees in the Y-12 Plant Area this week will begin making their selection of the 25 attractive articles offered as individual safety awards for participating in the 26th Union Carbide Corporation Safety Period here. Selection cards are scheduled to be delivered to all eligible UCNC employees in the Y-12 Plant Area this week on which they may designate their choice.

Also Shown At Cafeteria

Meanwhile the array of awards are being displayed at all Y-12 portals on a rotating basis and also at the Cafeteria every day.

Here is the schedule of the portal displays:

Central — Noon November 23 until noon November 25.

West—Noon November 25 until noon November 29.

East—Noon November 29 until noon December 1.

North—Noon December 1 until noon December 5.

Bear Creek—Noon December 5 until noon December 6.

West—Noon December 6 until noon December 8.

North —Noon December 8 until noon December 9.

Central—Noon December 9 until noon December 12.

The widely varied safety award articles are appealing to both men and women alike and since they have been displayed at the Cafeteria have drawn much praise for their attractiveness. Included are items useful for homes, sportsmen in the field, jewelry and radios.

311 Days Without Injury

The 26th Union Carbide Safety Period extended over a span of 10,307,137 hours of Y-12 Plant operations, covering 311 days. The period began on December 11 of last year and ended October 17 this year. The record is tops for all Union Carbide Corporation divisions and among the select marks of plants owned and operated by the Atomic Energy Commission.

Second Talk Of TSJC Series Tentatively Set December 1

The second talk in a series of four being sponsored by the Oak Ridge Technical Societies' Joint Council on machine computers is tentatively scheduled for Thursday, December 1, at the Jefferson Junior High School. The speaker has been announced as J. E. Rowe, of the Central Data Processing Center, Operations Analysis Division, at the Oak Ridge Gaseous Diffusion Plant. He will discuss the capabilities of present day computers and the organization of a data processing center.

HOSPITALIZATION COSTLY

The annual hospital bill for cancer is estimated at about \$350,000,000 or over 11 times more than what the public gave the American Cancer Society to fight cancer in 1959. Support the Society's Crusade.

ACS Will Hear Talk By Florida Scientist

**Dr. A. H. Gropp Slated
To Appear December 6**

Dr. A. H. Gropp, of the University of Florida, will speak at a meeting of the East Tennessee Section of the American Chemical Society on Tuesday night, December 6. The meeting will be at 8 o'clock at the cafeteria of the Robertsville Junior High School.

Dr. Gropp's topic will be "Polarography in Corrosion Studies." He will discuss concentrations of various ionic species and simple molecules during corrosive reactions. The corrosion of metals in contact with saline solutions of oxygen, hydrogen peroxide and sulfur dioxide are of particular interest.

The speaker is assistant dean of the College of Arts and Sciences at the University of Florida, being in charge of graduate studies and research. He trained in physical chemistry and received his Ph.D. degree from the University of Oregon in 1947. Dr. Gropp has published many articles in the fields of spectrophotometry, electrochemistry, polarography, instrumental analysis and corrosion.

The Bulletin

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Carbide Sponsoring Ministerial Talks Again This Year

The popular "Christmas Meditations" radio program, in which ministers of Oak Ridge churches present inspirational seasonal talks, again will be sponsored by Union Carbide Nuclear Company. The programs will begin on next Monday afternoon, November 28, to be broadcast over Oak Ridge Radio Station WATO from 4:45 p.m. to 5 p.m. The talks will be given daily, Monday through Saturday, December 24, for a total of 24 programs.

The program speakers are provided by the Oak Ridge Ministerial Association.

The speakers for the first week beginning next Monday afternoon, follow:

Monday, November 28, Dr. W. M. Seymour, First Methodist.

Tuesday, November 29, the Rev. B. M. Sizemore, Oak Ridge Bible Church.

Wednesday, November 30, the Rev. A. Simms, Oak Valley Baptist.

Thursday, December 1, the Rev. C. C. Fuller, Mt. Zion Baptist.

Friday, December 2, the Rev. J. G. Sealey, Church of God.

Saturday, December 3, the Rev. Amos Rogers, Kern Memorial Methodist.



Get well wishes are extended the following Y-12 employees who were patients last week at the Oak Ridge Hospital:

Hubert Green, Laundry; George Edmonds, Mechanical Maintenance; E. L. Armstrong, General Machine Shop; D. L. Freels, Alloy Shop; Harry Baker, Area Five Maintenance; Bob Vest, Research Services; J. L. Ledgerwood, Product Processing; Harry G. Crews, Sunflower Shop; J. D. Houser, Property; J. F. Baker, Process Maintenance; P. D. Collins, Z Area; Ronnie E. Crabtree, Special Testing; F. R. Anderson, Sunflower Foundry; J. Grey, Process Maintenance.

The best way of doing anything is as good as any.



Thanksgiving Community Services Are Set; Day Is Holiday For Employees Of Y-12 Plant

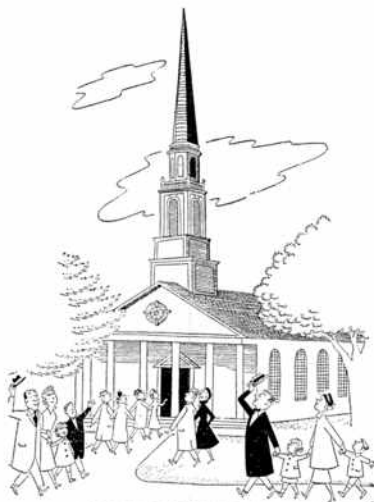
McIntosh Is Speaker At First Methodist

Many Y-12ers with their families will gather with other Oak Ridge tomorrow, Thanksgiving Day, to worship and give thanks in the annual city-wide services held by the Oak Ridge Ministerial Association. These services begin at 10 a.m. at the First Methodist Church, at the Turnpike and Tulane. The Rev. Moultrie McIntosh, rector of St. Stephen's Episcopal Church, will conduct the traditional worship services. Dr. William M. Seymour, pastor of First Methodist Church, is president of the Oak Ridge Ministerial Association.

Holiday In Y-12 Plant

As usual tomorrow, Thanksgiving Day, November 24, will be observed as a holiday in the Y-12 Plant. No employee will be required to work except those needed for the continuous operation and protection of the plant.

Although the first Thanksgiving services were held in the winter of 1621 at Plymouth Rock, it was not until 1863 that Presi-



THANKSGIVING

dent Abraham Lincoln issued the first presidential proclamation declaring an official day be set aside for the nation to give thanks to God for its many blessings. Six years later, President Ulysses S. Grant officially de-

Lincoln, Grant Issued First Proclamations

clared the last Thursday of November as one to "be set aside to render praise and thanksgiving to the Supreme Author, and to devoutly implore the continuance of God's mercies."

During the past century tradition has made Thanksgiving Day a day of feasting which requires days of preparation of baking and storing up of good things to eat. Wisely enough this day has never been commercialized as many other religious holidays have been exploited.

The scriptures say that "It is a good thing to sing praises unto our God; yea, a joyful and pleasant thing it is to be thankful."

Special music for the Community Thanksgiving services will be provided by the Oak Ridge High School Chorus under the direction of Steve Combs. Ushers will be provided by the First Methodist Church. All worshipers are cordially invited by the Ministerial Association to attend this special service.



WITH BOOT TRAINING finished in the U. S. Marine Corps, Charles W. Jones, above, is now in special training at Camp Le Jeune, N. C. The young Marine is the son of R. D. Jones, Process Maintenance, and took his initial training at Parris Island, S. C. Tentative plans will take him to Hawaii after his special training is finished.

Y-12 Machinist Is Awarded Second Certificate By ICS

James M. DeForest, machinist in the Y-12 General Machine Shop, was recently awarded his second certificate from the International Correspondence School.

The ICS is one of the oldest such schools in the country.

DeForest, who came to the Y-12 Plant in 1954, is a graduate of Lee High School, Lee, Mass. He is a veteran of the United States Navy, having served in World War II.

His first certificate, given in 1956, was in Industrial Engineering, Division One, which included courses in mathematics, mechanics, geometrical drawing, projection drawing, hydrostatics, pneumatics, mechanical drawing and hydraulics. The second certificate, was for Industrial Engineering, Division Two, and included courses in chemistry, production management and design. The latter degree was given to DeForest who had earned a high B-plus average. In transmitting the certificate to him, the school wrote:

"The qualities of initiative, concentration and perseverance which you have demonstrated as an ICS student, are the same qualities that lead to success in any undertaking."

UCC Officials Participate In Dedication Of Building

Two Union Carbide Corporation officials were prominent in exercises at Baldwin - Wallace College, Berea, Ohio, recently when a new science hall and auditorium were dedicated. The building was a gift from the late Arthur V. Wilker, former UCC vice president and trustee of the Corporation Educational Fund, and his wife in honor of their parents and is named Wilker Hall. Thomas A. Wilker, production manager for the UCC Chemicals Company, and also a trustee of Baldwin - Wallace, presented the key to the building to Dr. A. S. Bonds, president of the college. Harry B. McClure, former president of the Chemicals Company and now a Union Carbide Corporation vice president, in his dedication address stressed the critical importance of the liberal arts college in combating misunderstanding of science.



Turkey In The Straw and Turkey In The Oven are two varieties of fowl that find favor with country dancers and country diners — and Thursday is their day to give thanks for such. Likewise it is the day for all the rest of the world to pause and give thanks for the many blessings bestowed. So — after splitting the wishbone, above, the winner, regardless of whom it is, will wish one and all of you Y-12ers the best of everything and more and more to be thankful for.

The Colyum Conductor is thankful for all the contributions of the week — faithfully reported below, starting with—

MECHANICAL OPERATIONS

As dawn broke on Friday morning, November 4, the stroke of 6:48 a.m. marked the beginning of grandfatherly careers by

two justly proud Y-12ers. They were "Senator" Bill Bonney, of Beta Four Assembly and Forming; and Joe Dunlap, Mechanical Maintenance. The little granddaughter causing the commotion was Denise Leslie Dunlap, weighing six pounds, four ounces on arrival at Oak Ridge Hospital. The mother of the youngster is Mrs. Pat Dunlap, a former Y-12er in the Medical Department. . . . Meanwhile, also in Beta Four Assembling and Forming, George Campbell, the newest Proud Pop in the assembly area kept the air filled with cigar smoke in observance of the arrival of a son on November 7, weighing seven pounds, nine and one-half ounces and named Robert Frank.

Z Area hopes Milt Dickens soon will have all the extraneous medical hardware removed from his carcass — he returned to

Knoxville University Hospital last week to have some pins removed from a busted leg sustained in an automobile mishap months ago. He's reported to have one more such operation to go.

The TW Shop sent Joe Gibbs home for a Thanksgiving Week vacation with his mother in Clarksville, Tenn. . . . Basil Lett still is missing and recovering from his knee surgery and Hiram Crutchfield still has a misery in his back. . . . S. F. Edmonds was stricken down with pneumonia last week and was a patient in Oak Ridge Hospital.

The Beta Four Heavy Machine Shop sends get well wishes to J. W. Wilson . . . W. L. Coggins, Jr., became the Proud Pop of

GREMLIN CAUSES MIXUP OF PICTURES OF BABIES



Ronald

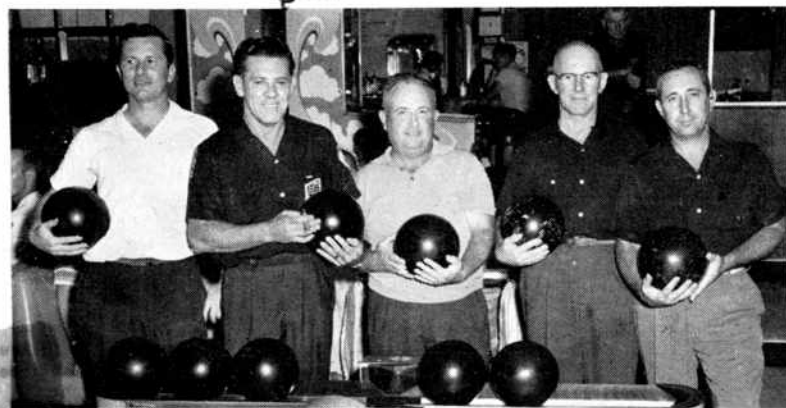
Gregory

A sprightly little Gremlin showed up at the print shop producing The Bulletin last week to flap his wings, so confusing the editor that a couple of baby pictures in the Strictly Confidential column were switched—much to the embarrassment of the editor and certainly to the families of the youngsters who so proudly requested publication of the photographs.

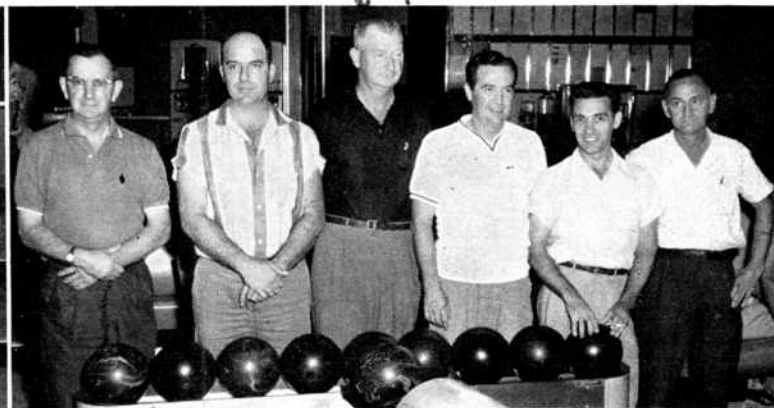
Explaining briefly, the picture purported to be that of Gregory Hubert Marrow, son of Hubert Marrow, Area Five Maintenance; was in reality the photograph of Ronald Seagle, grandson of J. P. Seagle, Chemical. The Bulletin hereby is re-running the pictures in an effort to straighten out matters with correct identification. The Bulletin apologizes to kin folks of the fine youngsters for any embarrassment that might have occurred.

Continued on Page 4

FOUR MORE QUINTETS JOIN BASKETBALL LEAGUE



A PAIR OF VETERAN BOWLING TEAMS in the Y-12 Classic League are the Rippers, left, and Bumpers. From left the Ripper team members are Wayne Groppe, Hubert Tripp, Capt. Nelson Tibbatts, Al Groppe and Jay Holzkecht. The Bumpers are



E. B. Galloway, Clyde Smith, Elmer Green, Van Williams, R. L. Vanderpool and Capt. Avery Kendig. The Rippers currently are leading the closely contested race in one of the oldest bowling leagues in Oak Ridge.

12 Teams Vieing In Y-12, ORGDP Hardwood Circuit

Activities Launched Monday Of This Week; Slate Ends February 11

Four last-minute starters in the Carbide Basketball League brings the total membership of the loop containing teams from Y-12 and the Oak Ridge Gaseous Diffusion Plant to an even dozen. The late joiners caused a big bustle on the part of schedule makers in the final few days before the opening of the season on Monday night of this week, when eight of the 12 teams swung into action.

Three New Y-12 Teams

Of the four new teams to join the circuit last week, three were composed of Y-12 basketballers and one of ORGDP athletes. The newcomers from Y-12 and managers were the Rebels, J. D. Shelton; Buzzards, J. D. Ryan; and Players, James Price. From ORGDP the new team was the All Stars, Paul Cox.

Original Y-12 teams in the organization were the Reactors, D. B. Bell; Atoms, D. W. Daws; Hawks, John Pridgeon; and the Hoopniks, Hugh Caudill. From ORGDP the quintets were Lab L, Frank Young; Hot Shots, Benny Crass; Lab Demons, W. D. Box; and D Shift, Henry King.

The revised league schedule provides for one round of play and no split season. The regular schedule ends on Thursday, February 11. Tentative plans provide for a double elimination tournament to follow the regular season of play.

The additional four teams in the league require games to be played on Monday nights at both the Oak Ridge High School and Robertsville Junior High School gymnasiums. Thursday night games will be staged at Robertsville. Doubleheaders are the rule in each session with opening contests starting at 7 p.m. and the nightcap getting underway at 8:15 p.m.

Big Five Blasts To C Loop Lead

The Big Five bowlers blasted their way to first place in the C League last week by trimming C Shift for three points in alley activities of November 14. The IBMs, previously tied with C Shift for the top rung, also fell before the Hilifers by three, the losers ending up in a tie for second place. Three-point victories also were posted by the Par Busters over the Ramblers and Chillers over the Alley Cats. The only whitewash triumph of the night was scored by the Hookers, who boosted their win record by four points over the Beta Four keggers. The Sunflowers and SPs split even at two points each.

In marching to the top of the standings the Big Five monopolized all team scoring honors with a 933 scratch and 1066 handicap game, 2628 scratch and 2928 handicap series. The team was led by Curt Ridings with a 234 scratch game, boosted to 259 with handicap, and a 653 handicap series. Ray Gilford, Sunflowers, got into the act with a 579 scratch series.

Team	W	L
Big Five	32	20
C Shift	31	21
IBMs	31	20
Beta Four	27	25
Par Busters	27	25
Sunflowers	26	26
Hookers	25	27
SPs	24	28
Chillers	24	28
Hilifers	24	28
Alley Cats	21	31
Ramblers	20	32

Y-12er Is Mother Of Two Promising Baseball Players

There are a lot of dyed-in-the-wool baseball fans around the Y-12 Plant—and one of the most avid enthusiasts of the great American game is a feminine Y-12er. She is Lucille "Louie" Anfinson, of Process Analysis. The big reason for her love of—and knowledge of—the sport is that she has two husky and talented youngsters who are expected to "go places" in their diamond careers.

Eldest Is Pitcher, First Baseman

The eldest of the Anfinson progeny is Dennis Anfinson, 15, a sophomore at Central High School in Fountain City. Last summer he pitched and played first base for the Knoxville Elks Lodge No. 160 team in the Inskip Babe Ruth League for youngsters in the 13-15 year-old bracket.

All Dennis could do in the statistical department was to hit for a .444 percentage, striking out only twice during the entire season, hit one inside the park homer and turn in a five-won and none-lost mark on the pitcher's mound. Of his victories, two were no-hitters. He also played errorless ball for his undefeated team.

Wins "Outstanding" Trophy

This record brought him a trophy from Knoxville Elks as the outstanding performer on his team. The trophy was presented last week at a banquet given by the Elks for approximately 200 youngsters who played on the 11 teams sponsored by the fraternal order. The banquet was a part of "Youth Appreciation Week."

Attending the banquet were Ed Bailey, catcher for the Cincinnati Reds and native of Strawberry Plains, a Knoxville suburb; and Knoxville Mayor John Duncan.

Youngest Is Little Leaguer

However, Dennis is not the only youthful diamond luminary in the Anfinson family. The other is Barry, eight years old, who plays outfield for the Inskip Pirates in the Little League. He is a third grader at the Sterchi School.

As for Mom—anyone can safely wager that she will be in the stands at any and all of the baseball battles in which her two youngsters are performing.

Volleyball Players Still Can Enter Loop

Y-12 individuals or teams with a yen to play volleyball this season in a league to be composed of teams from the Y-12 Plant, Oak Ridge National Laboratory and the Oak Ridge Gaseous Diffusion Plant have until 4:30 o'clock Wednesday afternoon, November 30, to make known their wishes. As of last Friday each Carbide installation had two



BASEBALL PLAYING brothers are Dennis, left, and Barry Anfinson, whose proud mother is Lucille "Louie" Anfinson, of Process Analysis.

Deadlocks Feature Mixed League Play

The unusual situation of three tied matches out of four rolled marked activities of the Mixed League of Y-12 men and women bowlers last week. The one-two teams, Toppers and Cool Cats; Scrappers and Pin Plasters; and Alley Cats and Goofers finished even up at two points each when all the hardwood stopped falling. The only clean-cut decision was a Nip and Tucks' victory over the Phantoms by three points.

Despite their tie, the Toppers had the top feminine scorer in



Shirley Brown

658, 802, 1882 and 2246. Charley Gillihan, Nip and Tucks, monopolized all men's scoring honors with 212, 238, 538 and 616.

League standing follows:

Team	W	L
Toppers	30	14
Cool Cats	26	18
Phantoms	24	20
Scrappers	20	24
Nip and Tucks	20	24
Alley Cats	19	25
Pin Plasters	19	25
Goofers	18	26

teams entered in the loop, to form a six-club circuit. However, more teams will be welcomed and efforts will be made to place individual players on teams if they so desire. For full information, inquiries should be directed to the Y-12 Recreation Department, Room 149, Bldg. 9704-2, plant phone 7109 or 7100.

Rippers, Sportsmen Each Post Whitewash Wins To Widen Gap In Classic Pin Loop

The Rippers and Sportsmen drew away from the pack in the Classic League of Y-12 bowlers last week, each posting whitewash victories of four points. Victims of the loop leaders were the Tigers and Playboys, respectively. Three more four-point wins were recorded during the alley activities, by the Rebels over the Cubs, Markers over the Smelters and Screwballs over the All Stars. The Swingsters humbled the Has Beens by three, the Eight Balls bumped the Wolves by the same score and the Bumpers and Wasps broke even at two points each.

The veteran Roy Roberts had the best series scores of the night with a 611 scratch and 650 handicap. Don Troutman, Markers, rolled a 234 scratch game and Fred Wray, Screwballs, the top handicap game of 253 for highs of the night. In team tallying the Sportsmen swept the boards with marks of 960, 1076, 2721 and 3069. The Swingsters managed to tie the scratch game score of 960.

League standing follows:

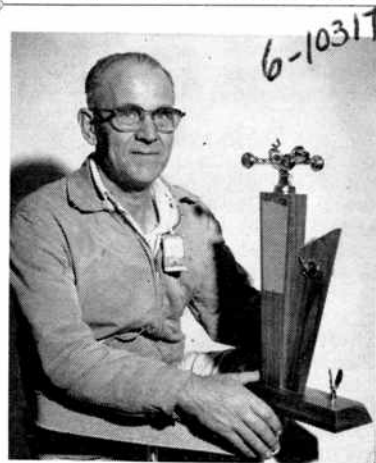
Team	W	L
Rippers	33	11
Sportsmen	31	13
Tigers	25	19
Rebels	25	19
Markers	25	19
Wolves	23 1/2	20 1/2
Screwballs	23 1/2	20 1/2
Swingsters	23	21
Has Beens	22	22
Cubs	20	24
Eight Balls	20	24
Playboys	19	25
Bumpers	18 1/2	25 1/2
All Stars	17	27
Wasps	16 1/2	27 1/2
Smelters	10	34

Sharpshooters Drop First Pistol Tilt

The tail-end Masters team in the Y-12 Pistol League turned on the previously unbeaten Sharpshooters in the fifth match of the season last week for decisions in both scratch and handicap scoring, handing the losers their first point loss of the season. The losers held on to first place in the loop with the three other teams all being tied for the next rung of the ladder.

The Masters posted a 510 to 490 scratch margin and 576.530 to 571.783 edge in handicap scoring over the Sharpshooters. In individual scratch scoring for the winners D. R. Alford had 266 and C. C. Beeler 244. J. H. Shoemaker had the best handicap score for the team with 288.480 and Beeler recorded 288.050. For the Sharpshooters Ed Bailey had best scratch and handicap scores of 261 and 286.717. E. C. Williams was second scratch at 229 and F. S. Patton trailed in handicap with 285.066.

In the other engagement the Experts and Marksmen split even. The Experts won in scratch firing 503 to 479 while the Marksmen had the handicap edge of 577.333 to 575.046. K. A. Schumaker had 254 and J. V. Ledbetter 249 scratch for the winners with the positions being reversed



Y-12 GO-KARTER Al Sawyer, above, of Electrical, is shown above proudly holding a trophy he won November 6 for finishing second in the East Tennessee championship race for the little speedsters at Maryville. There were 64 entrants in the 30-lap race around the quarter of a mile track.

Welfare-Bailey Hold Skeet Loop Lead

The Fred Welfare-M. L. Bailey team maintained its lead in the Y-12 Skeet League after firing on Sunday, November 20, with a total score of 165 points. Welfare led the scratch scores by blasting 22 targets out of a possible 25. The top team also had the best scratch score of the day with 41 and tied for high handicap score with 50 points with the Turner-Patton duo.

League standing follows:

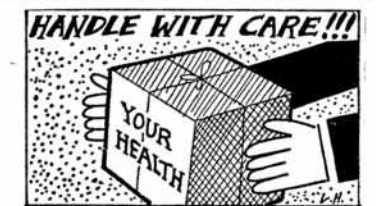
Team	Pts.
Welfare-Bailey	165
McNabb-Montgomery	153
Cose-Hamby	144
*Hopkins-Kennedy	143
*Turner-Patton	140
*Tunnell-Dunlap	138
*Less-Landry	134
Patterson-Murray	121
*White-Brewster	74

*Incomplete scores by missing one or more matches.

in handicap as Ledbetter posted 290.024 to 285.022 for Schumaker. For the Marksmen T. J. Bush was high scratch gun at 241 and Tommy Swindell was next at 238. In handicap firing it was O. C. Beaty 289.360 and H. A. Lasseter 287.973.

League standing follows:

Team	W	L
Sharpshooters	8	2
Experts	4	6
Marksmen	4	6
Masters	4	6



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Proud Pop in the Shop is **J. D. Draper**, qualifying with the arrival on November 10 of a daughter, Alesia Lynnette, who weighed seven pounds on birth at Crossville.

SHIFT SUPERINTENDENTS AND UTILITIES

Quiet as a tomb is one end of Bldg. 9764 since the Shift Supers moved out to their new "rest home" adjacent to the Y-12 Dispensary in Bldg. 9706-2. **Carl Frazier** is vacationing — probably resting up from the vacation he had about a couple of weeks ago.

Utilities sends get well wishes to ailing **W. S. Everett**. Vacationers are **H. L. Cox**, bird hunting; **J. A. Braden** is spending a couple of weeks seeking deer and birds; **L. M. Adams** is fishing and hunting at Copper Hill; **J. W. Fox** is visiting kin folks at Middlesboro, Ky.; and **F. D. Robinson** and **L. M. Kittrell** are staying around home for their Thanksgiving fowl. **J. H. Potter** had his parents from Clarksville, Tenn., as recent visitors. During long breaks for C Shifters **E. M. Baird** visited his aunt in Maryville, she is 102 years old; **A. J. Edwards** went rabbit hunting in Cumberland and **W. R. McCollister** went deer hunting.

Vacationers from the Steam Plant are **J. D. Sweeney** visiting kin folks in Middle Tennessee and North Carolina; **D. C. Bowen** staying around home working; and **H. D. Baker** working on his new home at Harriman.

TECHNICAL

Special Projects' gooseless goose hunting yarn had a sequel last week—or a continuation of the original saga. Seems as how **Ken Brady**, one of the Nimrods, melted some paraffin and applied it to his clothing in an effort to make it waterproof. However, the wax rapidly cooled and solidified, converting Nimrod Brady into a walking robot with limited motion. When word of this development reached **Harvey Hankins**, the latter had just had a tooth extracted and couldn't give forth with the appropriate laughter, the result sending other SPs into hysterics. **H. E. Buckminster** is vacationing this week.

One of the reasons Radiation Safety's **C. M. "Hap" West** is known as "Hap" is shown here.



Brian West

The youngster, apparently getting ready to take a swig of his favorite beverage, is Hap's pride and joy, Brian Maxwell West, born August 17. **Jack McLendon**, the department's head man, is going to eat turkey Ala-

vacation to Florida. **P. C. McRee** is staying at home for Turkey Day as is **H. O. Runge**. **J. F. Morehead** has similar ideas and may try and get out of painting his house. **Mary Ann Wright** and her hubby, **Harlan**, Employment, also are planning to stay around home, taking in football fracas and otherwise enjoying themselves. **T. J. Cagle** is going over to Gaffney, S. C., for the holidays.

MAINTENANCE

Process Maintenance sends rapid recovery wishes to **C. W. Ward**, in Baptist Hospital. Likewise to **C. H. Felkner**, recovering from surgery. Also to the father of **Helen Estep**, who is seriously ill. Sympathy is extended to the wife of **E. L. Sheffield**, whose grandmother died recently in Alabama.

Electrical extends condolences to **R. E. Douglas**, whose daughter died recently. **B. M. Cox** and his missus traveled down to Chattanooga to visit their daughter and family, who moved there recently from Atlanta. **R. J. Spurling** is afield hunting deer, grouse, duck, goose, quail and anything else moving around. **C. G. Treece** also is hunting as is **S. L. Smith**, who went up to the Shenandoah Valley in Virginia for his sport. **W. M. Redden** and his spouse are spending a few days in Arizona. **C. N. Crawley** is relaxing around home in Kingston. Get well wishes are extended **C. R. Eastland** and **J. F. Johnson**.

Newcomer **Emily Neal** is welcomed to Research Services. Get well wishes are extended **C. C. Bowman**, recovering from surgery at Presbyterian Hospital, Knoxville; and to **T. R. Kirkland**, convalescing from an operation at LaFollette. Also to **B. J. Vest**, in Oak Ridge Hospital. **W. E. Thomas** is back after felling the flu. **C. L. Newcomb** is vacationing in Little Rock, Ark. **J. L. Sprouse** went to Virginia for some game hunting and **B. J. Ellenberg** also is on the trail of elusive game. Sympathy is extended **E. R. Pollard**, whose brother died recently.

INDUSTRIAL RELATIONS

Taking off last Saturday morning for a holiday vacation of a week at their old home town of Camden, Tenn., were **Meta Butler**, Personnel Records, and her daughter, **Betty Jo**, Medical.

After gnawin' and chawin' his Turkey Day meal at home in Oak Ridge, **Bob Cantrell**, the Recreation Rajah of Y-12, will be vacationing the rest of this week and all of next.

No news is good news, opinionates **Liz Campbell**, the Colyum's agent in the Fire and Guard Department, and there is such an absence of any kind of news she says one can hear a pin drop in the jernt.

Dashing off to his old home town of Somerset, Ky., for vacation is **Art Hines**, Benefit Plans.

FINANCE AND MATERIALS

Accounting and Budget and many other friends of Nelson



MORE THAN 100 HOPEFUL SHARPSHOOTERS TURNED OUT FOR THE D SHIFT turkey and ham shoot held November 5, with 30 turkeys and hams being awarded high scorers. In the picture at left that is Jack Case, Mechanical Operations Division Superintendent, in the white hat among other participants in the shoot. At right are four of the happy winners, from left being H. C. Whitson, Area Five Maintenance; an unidentified guest; S. F. Russell, Tool Department; and W. G. Hatfield, Fire and Guard Department. D. Shift Y-12ers will sponsor another turkey shoot some time in December. Time and place will be announced later.

Y-12ers With 15, 10 Years Company Service



ANOTHER FINE TROUT entered in the Y-12 Annual Fishing Contest is shown above. Caught by Jim O'Kain, Electrical Engineering, the critter was taken from the Clinch River after falling prey to a Mepps Spinner lure.

Bethea, former Y-12er in that department, had a pleasant surprise visit from him last Thursday. He was paroled from his current job at ORGDP long enough to make the journey here.

The Thanksgiving holidays will be an enjoyable occasion at the home of **Roscoe Angel**, Property, as his daughter, Sue, will be home from Emory and Henry College, Emory, Va. **Clifford Anderson** is vacationing at home in Maryville, taking it easy. **Beverly Domer** is an Oak Ridge vacationer.

No turkey for **Frances Patton**, Engineering Records. She is holidaying at her home at Crossville and will feast on venison from that five-point deer she killed recently and she promises to produce a photograph in evidence of the feat.

Tampa, Fla., is the vacation hideout for **C. V. Terry**, Reproduction, and his family.

Visiting her mother in Chattanooga this week is **Dot Connor**, Plant Records.

F & M Administration extends sympathy to **Corum Scott**, whose mother died recently.

ENGINEERING

Mechanical Engineering hopes **Carl Green** will be happy in his new assignment with the Beta Four bunch of the department.

John Thomas still is off nursing that broken bone in his ankle and get well wishes are rushed his way. Best wishes go along with **Mark Kellerman**, leaving the MEs to resume his studies at the University of Tennessee. Several MEs are gadding about for vacations and week end trips. **Dick Green** is visiting kin folks in Kentucky.

Clara Hickey is spending a week in Rockwood. **Charley Chihasz** is doing likewise at Loudon. **Bob Bohannon** picked Knoxville for seven days of peace and quiet. **Baldy Clayton** and **Spence Ferguson** week ended in Atlanta and **Fred Jeffers** did likewise in Nashville. **Bill Gent** is back from a week in Florida.

Conscience is what hurts when everything else feels so good.

Congratulations to the following Y-12 employees who will complete 15 and 10 years of Company Service within the next few days:

15 YEARS
Vernon Huddleston, Product Processing, November 23.

Marcus B. Potter, Product Processing, November 23.

Leonard H. Guettner, Stores, November 23.

Walter E. Bruce, Guard Department, November 26.

Clifford Russell, Chemical, November 28.

Rufe A. Moore, Colex Auxiliary Operations, November 29.

Harry A. Keen, Product Processing, November 29.

10 YEARS
Isaiah E. Robinette, Research Services, November 24.

James L. Gilliam, Beta Four Heavy Machine Shop, November 27.

Mack R. Braden, Guard Department, November 27.

Kenneth A. Schumaker, General Machine Shop, November 27.

Parker Pelfrey, Process Maintenance, November 27.

Horace L. Wolfenbarger, Guard Department, November 27.

Milton Carlton, Research Services, November 27.

Clyde L. Hill, General Machine Shop, November 27.

Marion D. Story, Area Five Maintenance, November 27.

Willis Poland, Area Five Maintenance, November 27.

John H. Leffew, Receiving, November 27.

Coy H. Harrell, Area Five Maintenance, November 28.

William A. Newman, Process Maintenance, November 29.



Riders wanted from Central Ave. Pike, Powell, to North Portal, straight day. **W. H. Donahue**, plant phone 7411, home phone Powell WH 7-7021.

Riders wanted or will join car pool from South Knoxville to any portal, B Shift. **Sam McClanahan**, plant phone 7025, home phone Knoxville 7-1481.

Ride wanted from Holston Hills section, Knoxville, to any portal, G Shift. **Lee Collins**, plant phone 7172, home phone Knoxville 4-4833.

Ride wanted or will join car pool from Clinton to Central or West Portal, straight day. **Grady Bennett**, plant phone 7056, home phone Clinton 1502-W.

Ride wanted from 120 Nevada Circle, Oak Ridge, to North Portal, straight day. **Emily Neal**, plant phone 7-8363, home phone Oak Ridge 5-1033.

Want to join car pool from Fountain City or Halls to West Portal, straight day. **H. W. Dickenson**, plant phone 7349, home phone Knoxville MU 7-0625.

Balls O' Fire Keep Bush League Lead

The Balls O' Fire maintained their lead at the top of the Bush League of Y-12 bowlers in alley action on November 14 by burning the Rodders for three points. Meanwhile, the two teams that made big advances the previous week by means of posting four-point whitewash victories, found the tables turned on them and slipped back again. They were the Rollmasters, who were rolled for four by the Nine Pins; and Alley Gators, losers to the Beavers by the same margin. Another whitewash win was scored by the Pin Busters over the Rollniks and the Lucky Five eked out a two and one-half point triumph over the Hi Balls.

Harold Zang, Balls O' Fire, led the parade in individual scoring with a 233 scratch game and 607 series. In handicap game competition Lou Kovach, Rollniks; and J. D. Culberson, Rodders; tied at 244 and Jack Cowen banged out a 636 handicap series. In team scoring the Pin Busters had the high scratch scores of 847 and 2447 while the Nine Pins were handicap high with 1002 and 2923.

League standing follows:

Team	W	L
Balls O' Fire	29	11
Lucky Five	24 1/2	15 1/2
Pin Busters	24 1/2	15 1/2
Rollmasters	23	17
Beavers	23	17
Alley Gators	21 1/2	18 1/2
Hi Balls	17 1/2	22 1/2
Rollniks	15	25
Rodders	11	29
Nine Pins	11	29

Dance-Concert Set Friday By Jaycettes Of Oak Ridge

A benefit jazz concert-dance will be staged at the Oak Ridge Country Club on Friday of this week, November 25, beginning at 9 p.m., by the Jaycettes. Proceeds from the event will go to the Emory Valley School for Retarded Children for a covered play area. Playing at the combination concert-dance will be the "Giants of Jazz," musical refugees from such big name bands as Horace Heidt, Woody Herman, Ralph Marterie and Carmen Cavallaro. The "Giants" are under the direction of Ron Horn, local trumpet expert.

Mary Yaggi, wife of Y-12er W. J. Yaggi, of Metallurgical Development, is co-chairman of the event. The concert begins at 9 p.m., with dancing from 10:30 p.m. until 1 a.m. The public is invited to attend.

ANNUAL CHECKUP URGED

About 500,000 new cancer cases will be diagnosed this year, the American Cancer Society predicts. All adults are urged to have an annual health checkup.



The EYES have it!
motion carried!
to wear safety glasses